KNOW HOW

Power tools handy information

Our extensive range of internationally branded power tools help take the effort out of commercial and DIY projects. We stock everything from the latest drills, screwdrivers, sanders and saws through to power hobby and decorating tools. We keep abreast of the industry's innovation across all categories, and cater for all market segments.

We offer a wide selection of high performance bench tools that are perfect for weekend DIY jobs in the workshop as well as on site. For effortless decorating why not our assortment of power tools designed to eliminate manual labour . We stock corded and cordless drilling and screwdriving power tools that are great for both big and small DIY projects, and a large assortment of hobby and multi-tools for all your creative needs. Hobby enthusiasts will love these lightweight precision tools, that take the effort out of artistic projects so that you can simply enjoy designing and making your creations. If you have a DIY woodwork project to complete why not turn to our precision power tools for sanding and planing that will help you complete all your DIY woodworking tasks.

Our extensive range of power tools will take the hassle out of your project and we are sure to have everything you need to complete your latest project challenge.

Generators

Petrol generators provide a mobile power supply for powering construction site equipment such power tools and lighting equipment. They also provide a power solution to solve power outage issues at home.

Welders

Welding is a process that joins materials, usually metals. This is done by melting the workpieces and adding a filler material to form a pool of molten material (the weld puddle) that cools to become a strong joint.

- Arc welding uses a welding power supply to create an electric arc between an electrode and the base material to melt the metals at the welding point. the welding stick provides the filler material.
- MIG welding is an electric arc welding process that uses a spool of continuously fed wire. It can be used to join long stretches of metal without stopping.

Compressors

Air compressors increase the amount of air in a particular space and stores this air under pressure in a certified tank. This creates a air supply under pressure that is useful for a variety of purposes, such as in pneumatic tools like air powered nail guns, staplers, sanders, spray guns, or ratchet wrenches. Air compressors can also be used to move dust debris.

Makita tool selection

DRILL
- HP2050
- Keyed 13mm chuck
- No. load speed: 0 – 2,800RPM
- Reverse action

SIZE	ART CODE
720W	(124093)

22MM ROTARY HAMMER DRILL
- HR2230 • SDS plus drive
- Reversible variable speed
- Torque limiter
- Includes carry case • 12-month warranty

SIZE	ART CODE
710W	(386617)

24MM ROTARY HAMMER DRILL
- HR2460 • SDS plus drive
- Reversible variable speed
- Torque limiter
- Includes carry case • 12-month warranty

SIZE	ART CODE
780W	(397717)

ANGLE GRINDER & DIAMOND BLADE
- 9557HN • 6600RPM
- 4.7kg weight
- 12-month guarantee

SIZE	ART CODE
2000W	(520842)
230mm	(127334)

BELT SANDER
- 9403
- Belt size: 100 x 610mm
- Belt speed: 500m/min
- Dust bag swivels 360° for convenience

SIZE	ART CODE
1200W	(122886)

190MM CIRCULAR SAW
- 5704RK
- All ball bearing motor construction
- Quick lock height adjustment
- Max cutting depth at 900 - 66mm
- 12-month warranty)

SIZE	ART CODE
1200W	(124088)

355MM CUT OFF SAW
- 2414EN
- Adjustable vice for material clamping
- 3800RPM no load speed
- 2,5m power supply cord
- 12-month warranty

SIZE	ART CODE
2000W	(122915)

CORDLESS HAMMER DRILL DRIVER KIT
- 8281 DWPETC
- 116 accessories in carry case
- Reversible, variable speed
- 16 torque settings max 30Nm
- 12-month warranty

SIZE	ART CODE
14.4V	(143681)

255MM COMPOUND MITRE SAW
- LS1040
- 4600RPM no load speed
- Bevel cuts to 45° left

SIZE	ART CODE
1650W	(124090)

LITHIUM-ION IMPACT DRILL DRIVER KIT
- BHP453RHEX
- Includes 2 x 1.3Ah Li-Ion 18V batteries (BL1815), charger (DC18RC) & 67 piece accessory set
- Ergonomically designed rubberised soft grip provides more control & comfort

SIZE	ART CODE
2000W	(482587)

All Makita power tools carry a 12-month warranty against manufacturer's defect.

BOSCH

CORDLESS IMPACT DRILL
- GSB 18 V-LI • Lithium Ion
- 67/28Nm maximum torque
- 3 x 1.3Ah batteries
- Chuck capacity: 13mm
- 12-month warranty

SIZE	ART CODE
18V	(472713)

CORDLESS JIGSAW
- GST 18 V-LI • Lithium-Ion
- 68mm cutting depth
- 23mm stroke height
- Excludes battery

SIZE	ART CODE
18V	(482404)

CORDLESS SABRE SAW
- GSA 18 V-LI
- Lithium-Ion
- 28mm stroke length
- Variable speed
- Excludes battery

SIZE	ART CODE
18V	(482405)

CORDLESS CIRCULAR SAW
- GKS 18 V-LI
- 52mm cutting depth
- Blade size: 165 x 20mm
- Excludes battery

SIZE	ART CODE
18V	(482407)

CORDLESS ANGLE GRINDER
- GWS 18 V-LI • 115mm disc
- Restart protection
- Electronic motor protection
- Excludes battery

SIZE	ART CODE
18V	(482408)

CORDLESS IMPACT WRENCH
- GDS 18 V-LI • 180Nm torque
- 1/2 drive
- Excludes battery

SIZE	ART CODE
18V	(482409)

CORDLESS ROTARY HAMMER
- GBH 18 V-LI
- SDS Plus®
- 12mm drill capacity
- 1.7J maximum impact energy
- Excludes battery

SIZE	ART CODE
18V	(482410)

BATTERY COOL PACK
- 4.0Ah
- Coolpack battery technology
- 100% compatible with all Bosch industrial tools & chargers

SIZE	ART CODE
18V	(516743)

30 MINUTE FAST CHARGER
- Lithium-Ion
- Suited for new click & go blue range

SIZE	ART CODE
18V	(491864)

We offer remote control programming.

Bosch tool selection

BOSCH

CUT OFF SAW
- GCO2000 • 355mm
- Cutting capacity rectangle 150mm x 70mm
- Variable mitre angle clamping system
- Includes disc
- 12-month warranty

SIZE	ART CODE
2000W	(469196)

COMPOUND MITRE SAW
- GCM10J • 254mm
- Cutting capacity, 0° 89mm x 130mm
- Integral efficient dust extraction into bag
- Precise mitre scale • 12-month warranty

SIZE	ART CODE
2000W	(516749)

IMPACT DRILL + 4 PIECE BIT SET
- Exclusive
- GSB13RE
- 13mm
- Reversible variable speed
- Carry case
- 12-month warranty

SIZE	ART CODE
600W	(421154)

PENDULUM JIGSAW + 25 BLADE SET
- GST90BE
- Variable speed
- Integrated blower
- 90mm depth of cut
- Carry case
- 12-month warranty

SIZE	ART CODE
600W	(472714)

IMPACT DRILL
- GSB20-2
- 13mm chuck
- 2 speed gearbox
- Electronic speed control
- 12-month warranty

SIZE	ART CODE
700W	(541)

2KG ROTARY HAMMER DRILL
- GBH2-20D
- 1.7 joules impact energy
- Safety clutch
- Chiselling function/rotation stop
- 12-month warranty

SIZE	ART CODE
650W	(427564)

ANGLE GRINDER
- GWS850C • 125mm
- Constant electronic
- Cut out brushes
- 12-month warranty

SIZE	ART CODE
850W	(516747)

CORDLESS DRIVER
- GSR 14.4V
- 2 batteries
- Safety handle
- Keyless chuck
- 12-month warranty

SIZE	ART CODE
14.4V	(126454)

We offer gas filling & swapping.

BOSCH

BENCH DRILL
- Capacity: 40mm/13mm
- Depth stop fuction
- Suitable for all material types
- 2 speed electronic control
- With base clam
- 12-month warranty

SIZE	ART CODE
710W	(481538)

ROTARY HAMMER DRILL
- 1.7 Joules
- 20mm SDS
- Includes carry case
- 12-month warranty

SIZE	ART CODE
550W	(481468)

MULTIFUNCTIONAL TOOL
- PMF180E
- Electronic variable speed
- Versatile sawing, cutting, sanding tool
- 12-month warranty

SIZE	ART CODE
180W	(432820)

LASER DISTANCE MEASURE
- PLR 50 GRN
- Precision up to 50m
- Laser point indicates exact measurement
- Select mode (distance, square, volume)
- 12-month warranty

ART CODE
(516797)

MULTI-DETECTOR
- Dectection of metal
- Detection of live wire up to: 100mm
- 12-month warranty

ART CODE
(475753)

MEASURING TOOL
- Laser level & tripod
- Vertical, horizontal, diagonal & cross
- 12-month warranty

SIZE	ART CODE
20m	(481540)

WALL SCANNER
- Dectection depth: iron – 60mm, copper – 50mm, live wire – 30mm
- 12-month warranty

ART CODE
(371534)

CORDLESS DRILL DRIVER
- 1.5Ah battery
- Auto lock
- 12-month warranty

SIZE	ART CODE
18V	(481470)

IMPACT DRILL
- Keyless chuck
- Reversible
- 12-month warranty

SIZE	ART CODE
750W	(421151)

RYOBI

BENCH GRINDER

- HBG-620
- 2850RPM
- No load speed
- 24-month guarantee

DESCRIPTION	SIZE	ART CODE
150mm	250W	(4351)
200mm	375W	(4355)

5 SPEED DRILL PRESS

- BD513
- 13mm
- Adjustable table with angle indicators
- Suitable for use on all materials
- 24-month guarantee

SIZE	ART CODE
250W	(4476)
550W	(4121110)

CUT OFF SAW

- C-355
- 354mm
- Press steel base
- Quick lock/release vise clamp
- 24-month guarantee

SIZE	ART CODE
2200W	(515049)

MITRE SAW

- CMS-1825L • 254mm
- Laser line for accurate cuts
- Cross cut capacity at 900 65mm x 130mm
- Bevel cut capacity at 450 48mm x 120mm
- 24-month guarantee

SIZE	ART CODE
1800W	(4564)

SLIDING COMPOUND MITRE SAW

- MS-305 SCL • 305mm
- Dual slide rail system
- Belt driven design
- 24-month guarantee

SIZE	ART CODE
2000W	(461113)

FLIP OVER MITRE/TABLE SAW

- TFO-250
- 250mm
- Rip cuts from 0° – 45°
- Complete with legs & can also be bench mounted
- Dual action cutting mitre saw & table saw in one design
- 24-month guarantee

SIZE	ART CODE
1800W	(358552)

JOINTER PLANER WITH STAND

- JP254 • 254mm
- No load speed: 9000RPM
- Maximum cutting depth: 254mm
- Maximum cutting length: 1000mm
- 24-month guarantee

SIZE	ART CODE
1500W	(521002)

TABLE SAW

- BT256 • 4500RAM
- 254mm blade
- 900, 80mm capacity
- Mitre gauge
- 24-month guarantee

SIZE	ART CODE
1500W	(529209)

RADIAL ARM SAW

- RA2560 • 254mm
- 0-900 bevel angle
- 136mm blade height adjustment
- 24-month guarantee

SIZE	ART CODE
1560W	(368627)

RYOBI

ROTARY HAMMER DRILL
- RH500
- 3 operating modes: chiselling, rotary & hammer mode
- Anti-vibration soft grip system
- 5 accessories & carry case
- 24-month guarantee

SIZE	ART CODE
1700W	(479709)

ROTARY HAMMER DRILL
- Bits & 13mm chuck
- Includes carry case
- 24-month guarantee

SIZE	ART CODE
520W	(459157)

ROTARY HAMMER DRILL WITH ACCESSORIES & KIT
- ED950RK • 28mm SDS
- 2,1 joules impact force
- 3 operating modes: drilling, hammer drilling, hammer only
- 24-month guarantee

SIZE	ART CODE
950W	(396078)

RECIPROCATING SAW
- RS1200
- Tool free blade change
- 5 position adjustable grip
- Soft grip front & rear handle
- 24-month guarantee

SIZE	ART CODE
1200W	(470690)

ANGLE GRINDER
- G232 • 230mm
- Auto cut off carbon brushes
- No load speed: 5800RPM
- Excludes disc
- 24-month guarantee

SIZE	ART CODE
2100W	(268661)

INDUSTRIAL CIRCULAR SAW
- CS-240 • 235mm
- Variable speed control
- Electric belt driven motor
- Adjustable cutting angle between 0° & 45°
- 24-month guarantee

SIZE	ART CODE
2000W	(464876)

AIR COMPRESSOR
- AC-3150 • 450lt
- No load speed: 1000RPM
- Regulator with gauge to show pressure
- 24-month guarantee

SIZE	ART CODE
2200W	(472256)

PETROL WATER PUMP
- RWP-50
- 4-stroke engine
- 50m diameter suction
- 26m pump head
- 370lt/min output
- Max power: 6.5 HP/3600RPM
- Fuel tank capacity: 3.6lt
- 24-month warranty

SIZE	ART CODE
375lt/min	(471797)

INVERTER GENERATOR
- Low noise
- Overload alert
- 24-month guarantee

SIZE	ART CODE
1000W	(528002)
2000W	(528004)

Warranty subject to change from 2 – 5 years on some products .

GRIP

1kVA PETROL GENERATOR
- Exclusive
- 7.5lt tank
- 8hr runtime
- 4 Amp rated current
- 4 stroke engine
- Recoil start

ART CODE
(467508)

2.2kVA PETROL GENERATOR
- Exclusive • SRGE2500
- 15lt tank • 9hr runtime
- 9 Amp rated current
- Digital hour metre • DC output

ART CODE
(467510)

5.5kVA PETROL GENERATOR
- Exclusive
- 25lt tank
- 8hr runtime
- 23 Amp rated current

ART CODE
(467511)

6.5kVA PETROL GENERATOR
- Exclusive
- 25lt tank • 7hr runtime
- 27.5 Amp rated current

ART CODE
(467512)

7.5kVA PETROL GENERATOR
- Exclusive
- 25lt tank
- 7hr runtime
- 31 Amp rated current

ART CODE
(523492)

24lt COMPRESSOR
- Exclusive • 800kPa
- 196lt/min free air delivery
- 24-month warranty

SIZE	ART CODE
1.5kW	(409368)

50lt COMPRESSOR
- Exclusive
- Universal snap coupling
- High air flow

ART CODE
(409369)

All Grip generators have Automatic Voltage Regulators (AVR) & national service infrastructure.

How to choose your Grip generator

Step 1: Proposed consumption chart

HOUSEHOLD APPLIANCES	STARTING WATTAGE (W)	RUNNING WATTAGE (W)
Coffee maker	1750	0
Dishwasher - cool dry	700	1400
Dishwasher - hot dry	1450	1400
Electric Fry Pan	1300	0
Electric Range - 6-inch element	1500	0
Electric Range - 8-inch element	2100	0
Microwave oven - 625 watts	625	800
Refrigerator or freezer	700	2200
Toaster - 2-slice	1050	0
Toaster - 4-slice	1650	0
Automatic washer	1150	2300
Clothes dryer - gas	700	1800
Clothes dryer - electric	5750	1800
Dehumidifier	650	800
Electric blanket	400	0
Garage door opener - 1/4 HP	550	1100
Garage door opener - 1/3 HP	725	1400
Furnace fan, gas or fuel - 1/8 HP	300	500
Furnace fan, gas or fuel - 1/6 HP	500	750
Furnace fan, gas or fuel - 1/4 HP	600	1000
Furnace fan, gas or fuel - 1/3 HP	700	1400
Furnace fan, gas or fuel - 1/2 HP	875	2350
Hair dryers	300 to 1200	0
Iron	1200	0
Lights	as indicated on bulb	0
Radio	50 to 200	0
Well pump - 1/3 HP	750	1400
Well pump - 1/2 HP	1000	2100
Television - color	300	0
Television - black and white	100	0
Vacuum cleaner - standard	800	0
Vacuum cleaner - deluxe	1100	0
Central air conditioner - 10,000 BTU	1500	2200
Central air conditioner - 20,000 BTU	2500	3300
Central air conditioner - 24,000 BTU	3800	4950
Central air conditioner - 32,000 BTU	5000	6500
Central air conditioner - 40,000 BTU	6000	7800

Step 2 : Load calculator

Always remember that "simple power management" will allow a smaller generator to do a big job. Very seldom do we have all our tools and/or appliances running at the same time. Always consider the start up power requirements of your appliance, i.e. a refrigerator requires 700 watts starting power, and approximately 2200 watts running power. There are two formulas that one should always remember when purchasing a generator to run power tools and appliances:

- **Watts = Voltage/Amps:** with this formula one is able to calculate just how many watts is required to run your respective power tool and/or appliance.
- **Amps = Watts/Voltage:** with this formula one is able to calculate how many amps is required to run your respective power tool and/or appliance. To calculate you power needs, you need to understand which kind of load you are dealing with. There are two kinds of loads:
- **Resistive Loads:** these are pretty simple, they require the same amount of power to both start and run the equipment, e.g: light bulbs, coffee makers, toasters, etc.
- **Reactive Loads:** these are a little more complicated as the equipment contains an electric motor which requires additional power to start, but significantly less power to run. Typically starting power is as much as 3 times the running power, e.g: fridges, freezers, compressors, power tools, etc.

Tip: Always make sure what kind of load you are dealing with.

Step 3 : Service, maintenance & running tips

- Before starting your generator, always ensure that there is sufficient oil and fuel in the machine. Only use SAE30 graded oil and unleaded petrol (for petrol models) and low sulphur diesel (for diesel models).
- Always place your generator on a flat surface when pouring in the oil and fuel.
- If you have an electric start generator, check that your battery is fully charged before starting.
- Ensure that the choke is on when starting your generator, once started, switch the choke to the 'off' position.
- Never connect your appliances before starting your generator, always start your generator first, and then connect one appliance at a time.
- Disconnect your appliances before switching off your generator.
- Switch off the fuel tap prior to turning off your generator, to allow the fuel in the carburettor to be used.
- We recommend that your first service should be after 20 running hours and thereafter at 50 hour intervals.
- Always operate your generator in a well ventilated area, as toxic fumes are emitted from your generator.
- Do not use dirty fuel or oil in your generator.

TRADEair

PETROL COMPRESSOR

- 100lt
- Maximum pressure: 12hrs
- 11Hp petrol motor

ART CODE
(526751)

TRADEair

WATER PRESSURE BOOSTER SYSTEM

- Equipped with thermal overload protection

SIZE	ART CODE
800W	(526752)

HONDA
The Power of Dreams

75MM WATER PUMP

- WB30XT
- GX160 motor
- 28mm total head
- 1100lt/min

ART CODE
(526722)

HONDA
The Power of Dreams

4 BLADE POWERFLOATER

- PT42
- GX270 motor
- 9.0Hp
- 109cm diameter
- Autopreset clutch

ART CODE
(526723)

IR Ingersoll Rand

200lt PETROL COMPRESSOR

- CHS HD200IR
- Max 10 bar pressure
- 190lt/min free air delivery
- 350lt/min piston displacement
- Beltdriven • Powered by Honda

ART CODE
(526719)

HONDA
The Power of Dreams

GENERATOR WELDER

- 7kVA
- Includes welding kit

ART CODE
(526717)

HONDA
The Power of Dreams

PETROL GENERATOR

- 10kVA
- Electric

ART CODE
(526718)

HONDA
The Power of Dreams

PETROL GENERATOR

- 6kVA
- No AVR
- Rope start

ART CODE
(526721)

If we don't stock it, we will source it for you!

AFROX

TRANSARC WELDING RODS

DESCRIPTION	ART CODE
2.5mm x 5kg	(501282)
3.15mm x 5kg	(501283)
4mm x 5kg	(501284)

VITEMAX WELDING RODS

DESCRIPTION	ART CODE
Vitemax: 4mm x 1kg	(275305)
Vitemax: 2mm x 4kg	(13409)
Vitemax: 2.5mm x 5kg	(13415)
Vitemax: 3.15mm x 5kg	(13419)

TRANSARC WIRE MIG 6000 SPOOL

- Wire for metal inert gas (MIG) welding
- 5kg spool
- 0.8mm

DESCRIPTION	ART CODE
0.8mm x 5kg	(514974)
0.8mm x 10kg	(514973)
0.8mm x 15kg	(514977)
1mm x 18kg	(514978)
1mm x 18kg	(514979)
1mm x 18kg	(514980)
1.2mm x 18kg	(514981)

VITEMAX PROBLEM STEEL WELDING RODS

DESCRIPTION	ART CODE
Similar steel 2.5mm – 312	(125954)
Similar steel 3.25mm – 312	(125935)
Stainless steel 2.5mm – 316L	(125969)
Stainless steel 3.25mm – 316L	(125961)
High deposition rod 4mm x 5kg	(273582)

DUST MASKS

- W053714
- 20 pack

DESCRIPTION	ART CODE
FF1	(514986)
FF2	(514987)
Dust mask valve 10 pack	(514988)

WELDERS GLOVES

- Hand protection
- Welding safety • Colour may vary

DESCRIPTION	CODE	ART CODE
Welding glove	WO53066	(514982)
Green welding glove	WO53067	(514983)
Leather		(514985)

PORTASHIELD 1.8KG MIG GAS & CYLINDER

ART CODE
(514972)

TRANSARC SOLAR WELDING HELMET

- OHE350
- Suitable for MIG/MAG/TIG/MMA welding
- Suitable plasma welding & cutting
- CE approval on helmet & lens
- 12-month warranty against manufacturer's defect

ART CODE
(501285)

FLIP FRONT WELDING HELMET

ART CODE
(158174)

180A TRANSARC WELDER

- Includes trolley
- Invertor technology
- 60% duty cycle • 1.8kg MIG gas bottle
- Suitable for 0,6/0,8/0,9mm wire
- 50-180 Amp output current
- 12-month warranty

ART CODE
(501288)

TRANSARC 160AMP INVERTOR WELDER

- MMA160 • 60% duty cycle
- Suitable for mild steel welding using electrodes
- 12-month warranty

ART CODE
(436059)

DISSTON

MILD STEEL WELDING ELECTRODES

DESCRIPTION	SIZE	ART CODE
60/95A	2.5mm	(517701)
90/145A	3.2mm	(517702)

SOLID MIG WIRE

- 15kg x 1.0mm
- Suitable for gas MIG welding

ART CODE
(527194)

FLUX CORED MIG WIRE

- Gasless

SIZE	ART CODE
5kg	(527197)
15kg	(527200)

DISSTON

DARKENING WELDING HELMET

- Fully automatic
- Ideal for Arc/MIG/TIG welding, cutting & grinding

ART CODE
(527209)

PLASMA CUTTER

- Exclusive • Cut 40
- Maximum thickness of cut - 10mm
- Suitable for cutting mild steel, copper & stainless steel
- 60% duty cycle with overload protection
- 12-month warranty

ART CODE
(520993)

DC INVERTER WELDER KIT

- Exclusive
- 60% duty cycle
- Includes: chipping hammer, face shield, electrode holder, earth clamp
- Suitable for 2mm - 4mm electrodes
- 12-month warranty

SIZE	ART CODE
180Amp	(520992)

MIG DC INVERTER WELDER

- Suitable for fabrication, maintenance & repair welding on material 0.6mm – 10mm thick
- Overload protection
- Accepts 1kg & 5kg Mig wire rolls
- 12-month warranty (520994)

SIZE	ART CODE
1.75Amp	(520992)

DC INVERTOR, WELDER & HELMET COMBINATION KIT

- Exclusive • 60% duty cycle
- Includes: auto darkening helmet, gloves, clamps & cables
- 12-month warranty

SIZE	ART CODE
140Amp	(527202)